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USSR TRACTOR, DIESEL OUTPUT

REPORT SHIPMENTS OF BELARUS' TRACTOR, PREPARE FOR SERIES OUTPUT -- Baku, Bakinskiy Rabochiy, 22 Mar 53

MTS of the Ukrainian SSR have received, for the first time, a large consignment of Belarus' tractors.

Riga, Sovetskaya Latvija, 29 Mar 53

The Minsk Tractor Plant is preparing for the series output of the Belarus' wheel tractor. According to B. P. Al'gin, deputy chief designer of the plant, the tractor will operate with tractor-mounted, semitractor-mounted, and trailer implements. The tractor has speeds ranging from 4.5 to 13 kilometers per hour and is driven by a 57-horsepower diesel engine. The tractor has a special hydraulic system for mounting suspension implements.

In 1953, the plant will produce two models of the Belarus': the MTZ-1 with a double front wheel for greater maneuverability, and the MTZ-2 with the usual four wheels.

Moscow, Izvestiya, 29 May 53

The Minsk Tractor Plant is preparing to series produce the Belarus' universal cultivating tractor in the very near future. Workers of the plant are pledged to start production of this wheel diesel tractor in June 1953.

The plant is now making active preparations to start series production of the Belarus'. In tractor shop No 2, heaps of parts are ready for machining.

The plant has received a huge universal milling machine from Gor'kiy; a radial machine tool for boring, drilling, and milling from Odessa; and a vertical boring and turning mill from Kiev.

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The forge shop, cold-pressing shop, and other shops are already turning out parts for the new tractor.

SKIDDING TRACTORS TO SAKHALIN -- Kiev, Pravda Ukrainy, 8 May 53

The Minsk Tractor Plant has shipped a large consignment of KT-12 skidding tractors to Sakhalin.

The plant has reduced the production cost of KT-12 tractors 16 percent as compared to 1952. Over 3 kilometers of conveyers are installed at the plant, and almost half the machine tools are automatic or semiautomatic.

TEST AMPHIBIOUS WINCH TRACTOR -- Moscow, Krasnaya Zvezda, 25 Feb 53

Tests of the LV-3 amphibious winch tractor, designed by Professor P. S. Vetchinkin and Engineer A. N. Medvedev, and built at the Experimental and Production Plant of the Central Scientific Research Institute of Water Timber Transport and Hydraulic Engineering, were recently completed.

The crawler tractor climbs slopes up to 40 degrees. The tractor floats in water more than 1.25 meters deep, and propulsion is then effected by a screw propeller.

The LV-3 can be used for towing rafts in the water and for skidding timber on land. The tractor is powered by a 73-horsepower engine, and is equipped with a bulldozer and a 3-ton, three-drum winch.

The LV-3 has five speeds. It has top speeds of 15 kilometers per hour on dry land and 7 kilometers per hour in water. The tractor can convey a brigade of lumbermen, together with all their tools and personal belongings, on land or water.

The experimental model of the tractor passed exhaustive tests at the Lenles (Leningrad Timber) Trust. Several more of these tractors will be produced in 1953.

MAKES DT-54 TRACTORS -- Moscow, Pionerskaya Pravda, 31 Mar 53

The Rubtsovsk Altay Tractor Plant imeni M. I. Kalinin is producing DT-54 diesel tractors with glassed-in cabs.

FAIL TO DELIVER TRACTOR SPARE PARTS -- Moscow, Pravda, 27 Mar 53

Tractor repairs are being held up because MTS are not receiving spare parts from machine-building enterprises.

The Stalingrad Tractor Plant is not meeting schedules for the production of crankshafts and other important tractor parts. Equipment in some parts of the plant is in poor condition; hence there are unexpected stoppages. For example, stoppages occurred on the line which produces connecting rods, and the plan for this part was not fulfilled.

The Rubtsovsk Altay Tractor Plant is behind schedule in the output of cylinder liners and pistons for the DT-54 tractor, and many liner and piston castings are rejected.

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The Omsk Sibzavod Plant and the Novorossiysk Krasnyy Dvigatel' Plant are not meeting the production schedules for important tractor parts.

MAKES TRACTOR SPARE PARTS -- Kishinev, Sovetskaya Moldaviya, 31 Mar 53

The Tiraspol' Machinery Plant imeni Kirov produces spare parts for tractors and agricultural machines.

USE SUPERHARD IRON -- Moscow, Izvestiya, 12 Apr 53

Metallurgists and foundry workers of the Vladimir Tractor Plant imeni Zhdanov, aided by Orgavtoprom (All-Union State Institute of Automobile Technology), have organized the mass production of nine tractor parts, using superhard iron instead of steel rolled stock. This innovation will save 2 1/2 kilograms of rolled steel per tractor. The output of four more superhard parts will be organized by 1 May.

CITE WEIGHT DIFFERENTIAL IN DIESELS -- Moscow, Pravda, 14 Apr 53

A 500-horsepower engine built by the Gor'kiy Dvigatel' Revolyutsii Plant has a specific weight of 68 kilograms per horsepower, while a 600-horsepower engine built by the Leningrad Russkiy Dizel' Plant has a specific weight of 31 kilograms per horsepower. Thus the more powerful engine made by the Leningrad plant weighs approximately 15 tons less than the engine made by the Gor'kiy plant.

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